

EAST Search History

| Ref # | Hits | Search Query | Dbs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| | | @pd < "20030219" and ((sigmoid adj function) same ((other) or (different) or (alter\$7))) same transfer) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:42 |
| | | @pd < "20030219" and (sigmoid same ((other) or (different) or (alter\$7))) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:47 |
| L1 | 5730 | @pd < "20030219" and "neural networks" | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:47 |
| L2 | 266 | @pd < "20030219" and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:47 |
| L3 | 17 | @pd < "20030219" and "neural networks" and (traction or friction) and "genetic algorithm" | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:49 |
| L4 | 0 | @pd < "20030219" and 701/96.ccls. and "neural networks" and (traction or friction) and "genetic algorithm" | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:49 |
| L5 | 1 | @pd < "20030219" and 701/96.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:50 |
| L6 | 0 | @pd < "20030219" and "700"" . ""83".ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:50 |
| L7 | 4 | @pd < "20030219" and 700/83.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:50 |
| L8 | 2 | @pd < "20030219" and 706/1.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:51 |
| L9 | 4 | @pd < "20030219" and 706/15.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:52 |
| L10 | 1 | @pd < "20030219" and 706/45.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:52 |
| L11 | 4 | @pd < "20030219" and 706/16.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:53 |
| L12 | 1 | @pd < "20030219" and 706/31.ccls. and "neural networks" and (traction or friction) | US-PGPUB; USPAT | OR | OFF | 2006/09/18 08:53 |
| S1 | 1 | "20040162644" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 08:06 |

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|-----|------|---|--------------------|----|-----|------------------|
| S2 | 1 | "20040162644" and second | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:16 |
| S3 | 1 | "20040162644" and rmn | US-PGPUB; USPAT | OR | OFF | 2006/04/05 09:56 |
| S4 | 1 | "20040162644" and hereditary | US-PGPUB; USPAT | OR | OFF | 2006/04/05 10:37 |
| S5 | 2 | @pd <"20030219" and "hereditary algorithm" and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:26 |
| S6 | 5212 | @pd <"20030219" and hierarchical adj structure | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:00 |
| S7 | 1 | "20040162644" and hierarchical adj structure | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:04 |
| S8 | 1 | "20020045958" and optimal | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:20 |
| S9 | 0 | "20040162644" and frst | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:12 |
| S10 | 1 | "20040162644" and first | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:12 |
| S11 | 0 | "20020045958" and motion | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:21 |
| S12 | 1 | "20020045958" and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 15:30 |
| S13 | 0 | "20020045958" and efficient | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:18 |
| S14 | 1 | "20020045958" and Max\$6 | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:49 |
| S15 | 0 | "20020045958" and min\$6 | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:42 |
| S16 | 1 | "20020045958" and optimum | US-PGPUB; USPAT | OR | OFF | 2006/04/05 11:43 |
| S17 | 0 | @pd <"20030219" and ((sigmoid adj function) with((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:28 |

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| S18 | 0 | @pd<"20030219" and ((sigmoid adj function) with ((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:30 |
| S19 | 0 | @pd<"20030219" and ((sigmoid adj function) same ((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:29 |
| S20 | 0 | @pd<"20030219" and (((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:28 |
| S21 | 792 | @pd<"20030219" and (sigmoid adj function) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:29 |
| S22 | 0 | @pd<"20030219" and (non-sigmoid adj function) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:29 |
| S23 | 0 | @pd<"20030219" and ("non sigmoid" adj function) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:30 |
| S24 | 3 | @pd<"20030219" and "non sigmoid" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:34 |
| S25 | 0 | @pd<"20030219" and (sigmoid with ((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:35 |
| S26 | 0 | @pd<"20030219" and (sigmoid same ((non-sigmoid adj function) or (non adj sigmoid adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:30 |
| S27 | 5 | Stinchcombe.in. | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:34 |
| S28 | 0 | Stinchcombe.in. and sigmoid | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:35 |
| S29 | 0 | @pd<"20030219" and (sigmoid with ((other adj function) or (different adj function) or (alter\$7 adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:56 |
| S30 | 0 | @pd<"20030219" and (sigmoid same ((other adj function) or (different adj function) or (alter\$7 adj function))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:38 |
| S31 | 372 | @pd<"20030219" and (sigmoid same ((other) or (different) or (alter\$7))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:39 |
| S32 | 104 | @pd<"20030219" and ((sigmoid adj function) same ((other) or (different) or (alter\$7))) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:43 |
| S33 | 55 | S32 and transfer | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:43 |

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| S34 | 1 | "20020045958" and networks | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:50 |
| S35 | 100 | @pd<"20030219" and (multiple near networks) and (neural network) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:40 |
| S36 | 273 | @pd<"20030219" and (multiple near3 networks) and (neural network) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:57 |
| S37 | 100 | @pd<"20030219" and (multiple near1 networks) and (neural network) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:58 |
| S38 | 0 | @pd<"20030219" and ((using or employing) adj multiple adj networks) and (neural network) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:58 |
| S39 | 7 | @pd<"20030219" and ((using or employing) adj multiple adj networks) and (neural network) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:59 |
| S40 | 45 | @pd<"20030219" and (multiple adj neural adj networks) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 12:59 |
| S41 | 11 | @pd<"20030219" and (multiple adj neural adj networks) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:03 |
| S42 | 1 | "20020082756" and parameter | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:03 |
| S43 | 0 | "20040162644" and S11 | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:17 |
| S44 | 1 | "20040162644" and optimizing adj unit | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:17 |
| S45 | 1 | "20020045958" and optimal adj process | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:33 |
| S46 | 1 | "20020045958" and parameters | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:34 |
| S47 | 1 | "20020045958" and output | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:27 |
| S48 | 0 | @pd<"20030219" and (multiple near networks) and (multiple near outputs) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:40 |
| S49 | 0 | @pd<"20030219" and (multiple near networks) and (multiple near2 outputs) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:38 |

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| S50 | 4 | @pd<"20030219" and (multiple near2 networks) and (multiple near2 outputs) and vehicle | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:43 |
| S51 | 68 | @pd<"20030219" and (multiple near2 networks) and (multiple near2 outputs) not S50 | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:44 |
| S52 | 8 | @pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:45 |
| S53 | 0 | @pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network near3 connected) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:46 |
| S54 | 5 | @pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network same connected) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:46 |
| S55 | 3 | @pd<"20030219" and (multiple adj neural adj networks) and (multiple near2 outputs) not S50 and (neural adj network with connected) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 13:46 |
| S56 | 1 | "20020045958" and parameter | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:32 |
| S57 | 1 | "20020045958" and input | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:32 |
| S58 | 1175 | @pd<"20030219" and "neural network" near2 output near4 "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:39 |
| S59 | 313 | @pd<"20030219" and (('neural network" with output) near4 "neural network") | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:40 |
| S60 | 1 | @pd<"20030219" and (('neural network" near2 output) adj2 (input near2 "neural network")) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:48 |
| S61 | 13 | @pd<"20030219" and (('neural network" near2 output) adj4 (input near2 "neural network")) | US-PGPUB; USPAT | OR | OFF | 2006/04/05 14:57 |
| S62 | 90 | @pd<"20030219" and "road surface" and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 15:00 |
| S63 | 36 | @pd<"20030219" and ("road surface" same speed) and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 15:02 |
| S64 | 22 | @pd<"20030219" and (input same "road surface") and (input same speed) and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/04/05 15:02 |
| S65 | 1 | "20020045958" and optional | US-PGPUB; USPAT | OR | OFF | 2006/04/05 15:30 |

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| S66 | 0 | "20040162644" and non-sigmoid | US-PGPUB; USPAT | OR | OFF | 2006/04/05 17:37 |
| S67 | 1 | "20040162644" and non-sigmoid | US-PGPUB; USPAT | OR | OFF | 2006/04/05 17:37 |
| S68 | 83 | @pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and yaw and roll and pitch | US-PGPUB; USPAT | OR | OFF | 2006/04/06 08:55 |
| S69 | 80 | @pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and yaw and (roll same pitch) | US-PGPUB; USPAT | OR | OFF | 2006/04/06 08:55 |
| S70 | 78 | @pd<"20030219" and ("neural network" or "neural networks") and (vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) and (yaw same (roll same pitch)) | US-PGPUB; USPAT | OR | OFF | 2006/04/06 08:56 |
| S71 | 33 | @pd<"20030219" and ("neural network" or "neural networks") and ((vehicle or car or automobile or truck or train or plane or aircraft or spacecraft) same (yaw same (roll same pitch))) | US-PGPUB; USPAT | OR | OFF | 2006/04/06 08:56 |
| S72 | 1 | "20040162644" and application | US-PGPUB; USPAT | OR | OFF | 2006/04/06 09:49 |
| S73 | 1 | "20040162644" and genetic | US-PGPUB; USPAT | OR | OFF | 2006/04/10 13:01 |
| S74 | 1 | "20040162644" and genetic | US-PGPUB; USPAT | OR | OFF | 2006/04/10 13:13 |
| S75 | 1 | "20040162644" and (genetic same neural) | US-PGPUB; USPAT | OR | OFF | 2006/04/10 13:31 |
| S76 | 1 | "20040162644" and "genetic algorithm" | US-PGPUB; USPAT | OR | OFF | 2006/04/10 13:31 |
| S77 | 1 | "20040162644" and (stabiliz\$ or stabiliz\$) | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:17 |
| S78 | 1 | "20040162644" and "optimizing unit" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:44 |
| S79 | 1 | "20020045958" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:48 |

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| S80 | 1 | "20020045958" and "step 8" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 11:25 |
| S81 | 0 | "20020045958" and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:50 |
| S82 | 1 | "20020045958" and "neural network" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:44 |
| S83 | 1 | "20020045958" and "neural network" and evolution\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 11:10 |
| S84 | 1 | "20020045958" and transmission | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:25 |
| S85 | 0 | "20020045958" and node\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 11:13 |
| S86 | 1 | "20020045958" and "step 2" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 11:25 |
| S87 | 1 | "20040162644" and estimat\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:25 |
| S88 | 0 | "20020045958" and " represents a" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:25 |
| S89 | 0 | "20040162644" and " represents a " | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:25 |
| S90 | 0 | "20040162644" and "represents a" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:02 |
| S91 | 1 | "6397140".pn. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:02 |
| S92 | 1 | "6397140".pn. and neural | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:09 |
| S93 | 1 | "20020069220" and (text same field) | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:09 |
| S94 | 1 | "20020069220" and (text with field) | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:16 |
| S95 | 1 | "20020045958" and control\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 15:00 |

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|------|---|--|--------------------|----|-----|------------------|
| S96 | 1 | "20020045958" and optimum\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 14:52 |
| S97 | 0 | "20020045958" and evolu | US-PGPUB; USPAT | OR | OFF | 2006/09/15 15:00 |
| S98 | 1 | "20020045958" and "step 7" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 15:01 |
| S99 | 0 | "20020069220" and "state variable" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:16 |
| S100 | 1 | "20040162644" and "state variable" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:27 |
| S101 | 1 | "20040162644" and "network different" | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:31 |
| S102 | 1 | "5579442".pn. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:33 |
| S103 | 0 | "5579442".pn. and differen | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:33 |
| S104 | 1 | "5579442".pn. and differen\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:33 |
| S105 | 1 | "5579442".pn. and (differen\$ same neural) | US-PGPUB; USPAT | OR | OFF | 2006/09/15 16:35 |
| S106 | 0 | "5579442".pn. and node | US-PGPUB; USPAT | OR | ON | 2006/09/15 16:35 |
| S107 | 0 | "5579442".pn. and node\$ | US-PGPUB; USPAT | OR | ON | 2006/09/15 16:35 |
| S108 | 0 | "5579442".pn. and design | US-PGPUB; USPAT | OR | ON | 2006/09/15 16:35 |
| S109 | 0 | "5579442".pn. and topography | US-PGPUB; USPAT | OR | ON | 2006/09/15 16:35 |